

Periodic Table Families

Name: _____

Directions: Choose a color and color in the names of the families. Read section 5-3 on pgs. 122 – 130 and complete the chart. Find the families on the periodic table and color them with the matching color.

Color →	Alkali Metals	Alkaline Earth Metals	Transition Metals	Boron Family	Carbon Family	Nitrogen Family	Oxygen Family	Halogen Family	Noble Gases	Rare - Earth
List Elements	Li, Na, K, Rb, Cs, Fr		21 – 30, 39 – 48, 72 – 80, 104 - 112						*He,	57 – 71, 89 - 103
# Valence Electrons	1		1 or 2		4		6		* 8	-----
Classified as:	Metals	Metals	Metals	Metalloids and metals	Non-metals, metalloids, and metals	Non-metals, metalloids, and metals	Non-metals, metalloids, and metals	Non-metals, metalloids, and metals	Non-metals	57 – 71 Metals 89 – 103 Radioactive
Reaction	Very reactive, violent reaction with water	Reactive metals	Good conductors of heat and electricity	Reactive	Bond with many elements	Share electrons	Very Reactive	Most active non-metals	Inert Gases	57 – 71 Metals 89 – 103 Radioactive
Examples	Soap, fertilizer, medicine									